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## ADDITIONS AND CORRECTIONS.

Page 49, line 12, for carbonate read bicarbonate.

- 63, 12, the letters *ff* are omitted in fig. 4.  
6 from bottom, for one may turn without the other, read the spring barrel and fly-arms can revolve freely on that axis. Omit it is then followed by, and which.
- 64, 10, for their read the wings.
- 69, 6 from bottom, omit the semicolon after which and insert it after *c c*; omit also the semicolon after pallets.
- , 2 from bottom, for other read axis of the escape wheels.
- 72, To the description of Mr. Hilton's Pump add—When the pump is used in a dark place, a light should be placed opposite to *g*; and when the person who is looking through perceives the wine to come thick, he is instantly to shut the cock *d*, to prevent any of the wine that is not quite bright from getting into the cask *b*.
- 76, 14, for lengthen the perpendicular downwards the same depth, read raise the float.
- 81, last line, for rises read raises.
- 82, 1, omit the stops after tide *c c*, and after *ddd* insert a semicolon instead of a comma.
- , 5, for top read upper part.
- , 5 from bottom, the figures *e e e* are omitted in the plate.
- 83, 19, omit the period after sky and insert it after bright.
- 101, 7, for powerful read stiff.
- 102, 12 from bottom, for *c f* read *a b*.
- 108, 2, after height add fig. 11 is a top view of the couch, the mattress being removed.
- 122, 6, for in such circumstances read in case of the presence of inflammable gas.
- 129, 13, omit from the binding to recess, and substitute the screw *j* turns freely in a collar in the plate *l*, which plate is screwed to the bottom board; therefore the screw *j*, according as it is turned either the one way or the other, causes the plate *m m* either to advance towards or recede from the plate *l*.
- , 17, for this plate read the plate *l*.
- 130, 2, for board read boards.
- , 7, for they read side boards.
- 155, 19, for bar-rod read barrel.
- 158, Add. A figure and description of Mr. Ritchie's Photometer are published in the Quarterly Journal of Science, vol. xxi. p. 346.
- 161, 4 from bottom, for three inch scale, read scale of three inches to a foot.
- 168, 1, omit from *a a a* to frame, and insert, Plate V. fig. 1 is a front view, and fig. 2 is a side view, partly in section; *a a a* the frame.
- 169, 21, omit and these latter, and after outwards insert they.
- 174, 20, for *b* read *h*.
- 175, 3 from bottom, omit from there are to bar *y*, and insert, On the vertical sliding bar *s s* is fixed an inclined metal bar or strap *w w*, which passes between friction rollers on the horizontal sliding bar *y*, and therefore causes that bar to slide in or out as the bar *s s* slides up or down. The bar *s s* is lifted by the lever *t t*, which is connected to the treadle.